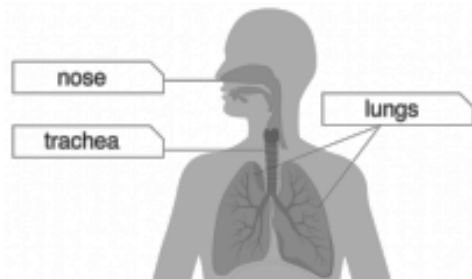


Chapter 1

Student's Book

Practice Worksheet, pp. 20–22

1. False, True, False, False, False, True
2. (a)



- (b) The air sacs called alveoli are surrounded by blood vessels. Air reaches the lungs when we breathe in. The oxygen in the air moves through the air sacs into the blood.
3. Clue 1: Lung / Alveolus
Clue 2: Diaphragm
Clue 3: Trachea
4. (a) When the heart contracts, blood is forced out of the heart. When the heart relaxes, blood flows into the heart.
(b) B
5. (a) A – vein; B – artery
(b) 1. Both have a heart to pump blood around the body.
2. Blood flows through blood vessels to transport substances around the body.

Activity Book:

Let's Review, pp. 11–14

1.

Process	breathing in	breathing out
Movement of the diaphragm	downwards	upwards
Amount of air in the lungs	more	less
2. nose → trachea → lungs → blood
3. (a) C; B; A
(b) The lungs
(c) Oxygen and carbon dioxide
4. (a) Arteries carry blood rich in oxygen away from the heart.
Veins carry blood poor in oxygen towards the heart.
(b) carbon dioxide; digested food; oxygen